

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097459.D
 Acq On : 12 Sep 2018 20:15
 Operator : SJ/JU
 Sample : J4792-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:53:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	899	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4989	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3569	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	396828	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	25	0.40	ng/ul	0.13
20) Perylene-d12	23.46	264	95	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1686	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

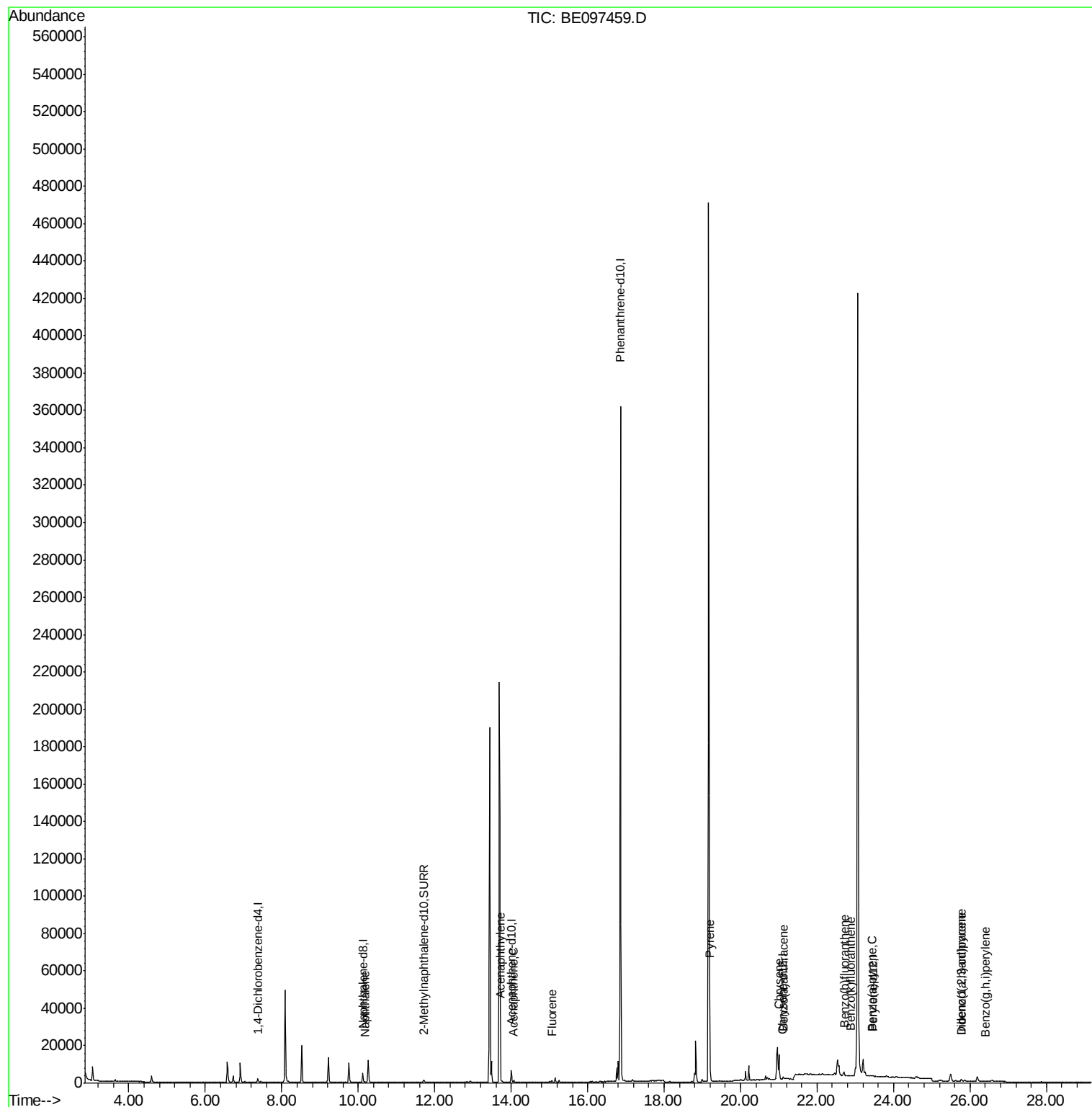
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	432	0.036	ng/ul#	75
7) Acenaphthylene	13.72	152	442	0.034	ng/ul#	69
8) Acenaphthene	14.07	153	479	0.043	ng/ul#	93
9) Fluorene	15.06	166	532	0.042	ng/ul#	88
17) Pyrene	19.20	202	22998	341.852	ng/ul#	80
18) Benzo(a)anthracene	21.12	228	1072	16.692	ng/ul#	35
19) Chrysene	21.00	228	11265	152.245	ng/ul	94
21) Benzo(b)fluoranthene	22.70	252	2328	9.151	ng/ul#	7
22) Benzo(k)fluoranthene	22.89	252	120	0.423	ng/ul#	1
23) Benzo(a)pyrene	23.43	252	51	0.217	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	407	1.334	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.77	278	1435	5.552	ng/ul#	61
26) Benzo(g,h,i)perylene	26.40	276	178	0.684	ng/ul#	1

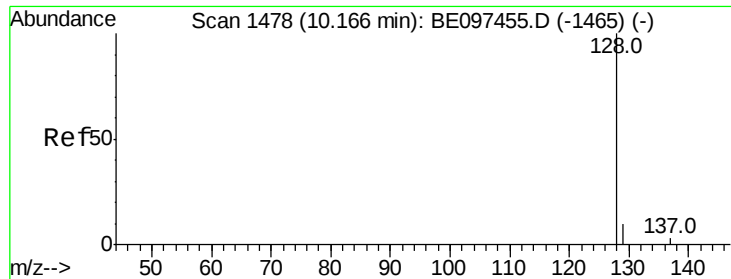
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

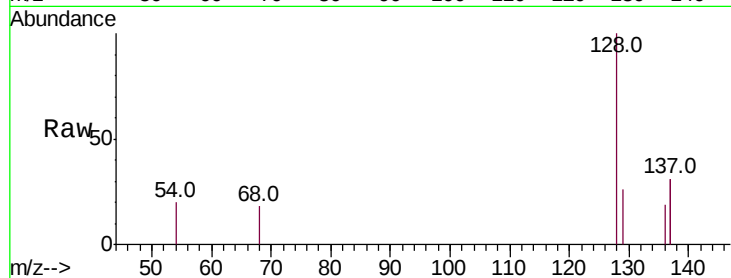
Tot Ion:128 Resp: 432

Ion Ratio Lower Upper

128 100

129 25.8 11.3 16.9#

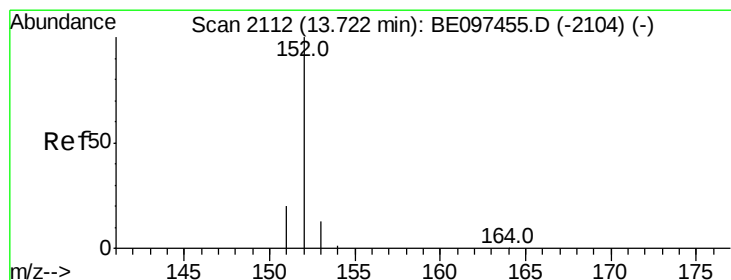
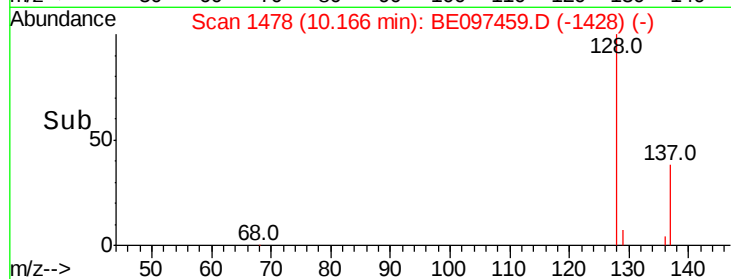
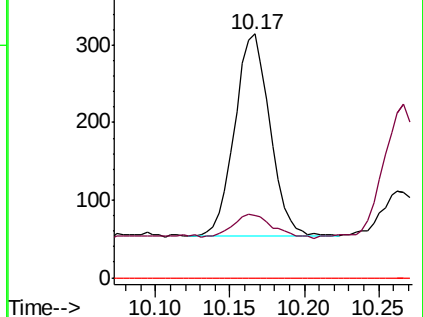
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

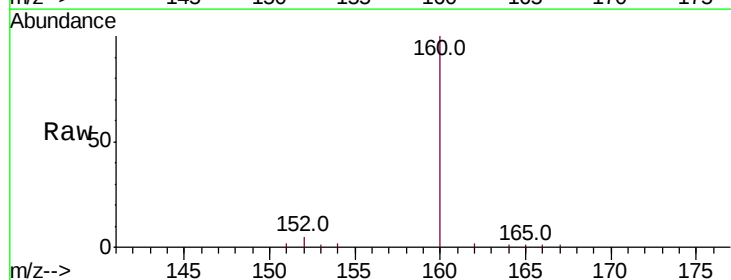
Tgt Ion:152 Resp: 442

Ion Ratio Lower Upper

152 100

151 35.8 17.1 25.7#

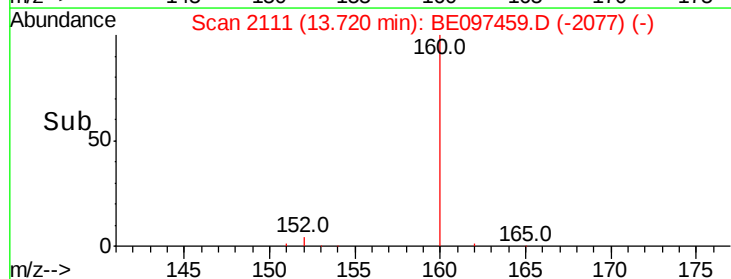
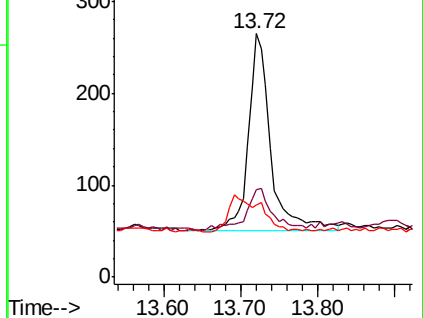
153 29.4 12.8 19.2#

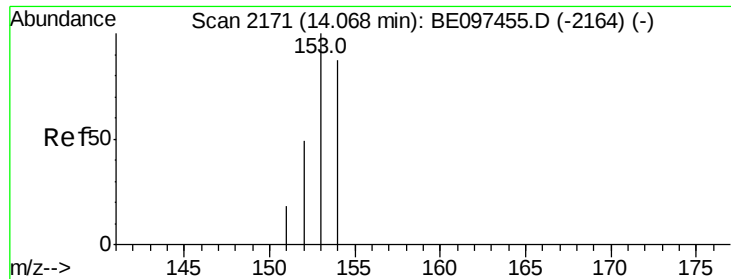


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.043 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

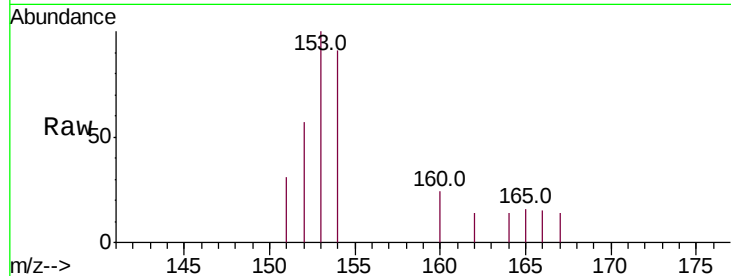
Tot Ion:153 Resp: 479

Ion Ratio Lower Upper

153 100

152 56.9 36.0 54.0#

154 90.9 72.0 108.0

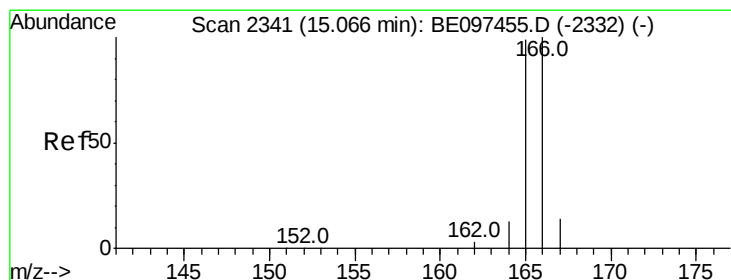
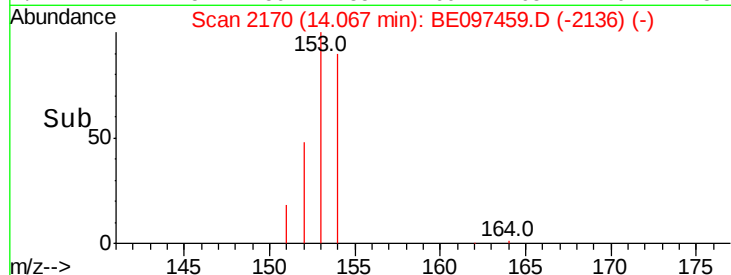
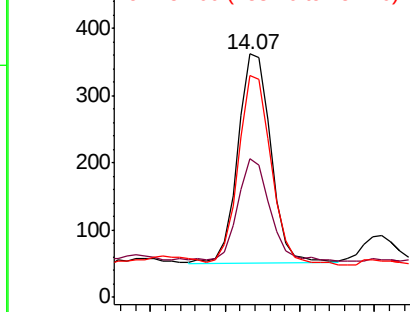


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.06 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

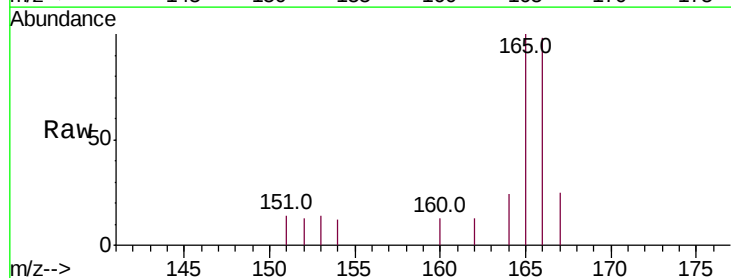
Tgt Ion:166 Resp: 532

Ion Ratio Lower Upper

166 100

165 102.5 73.4 110.2

167 25.7 14.6 22.0#

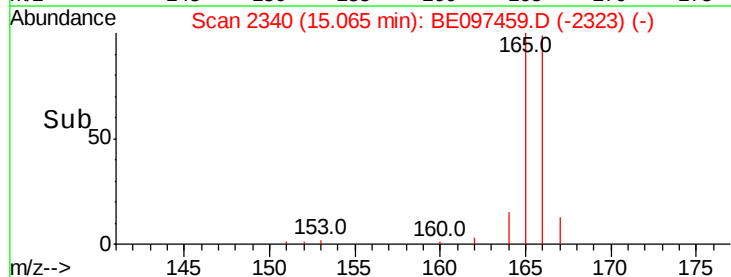
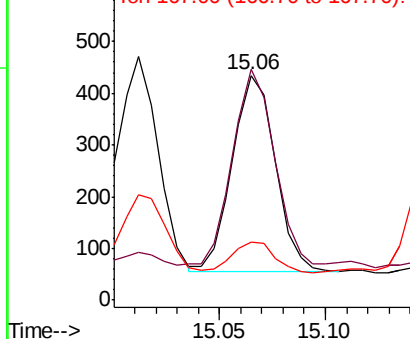


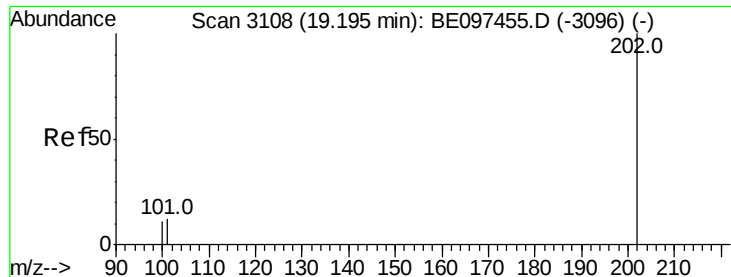
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

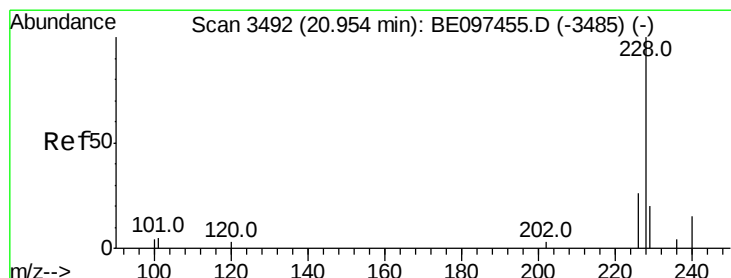
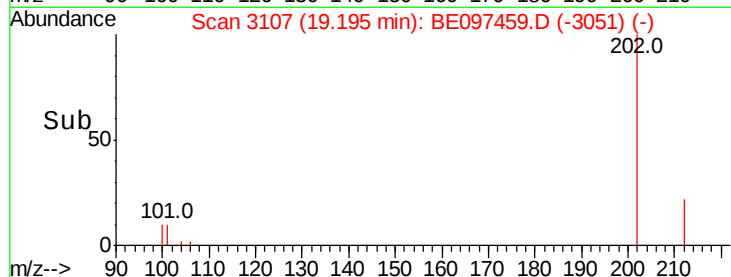
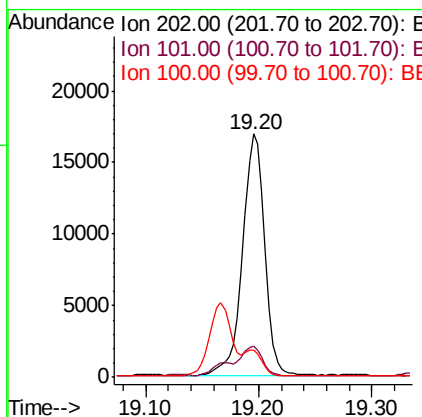
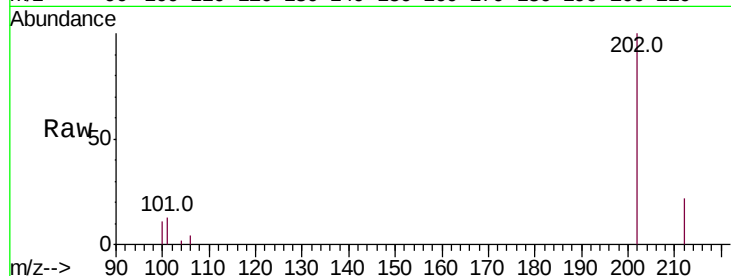




#17
Pvrene
Concen: 341.852 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

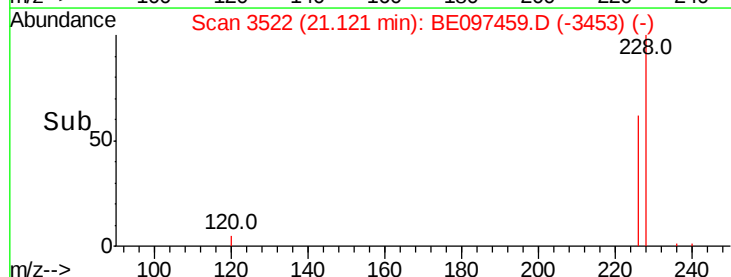
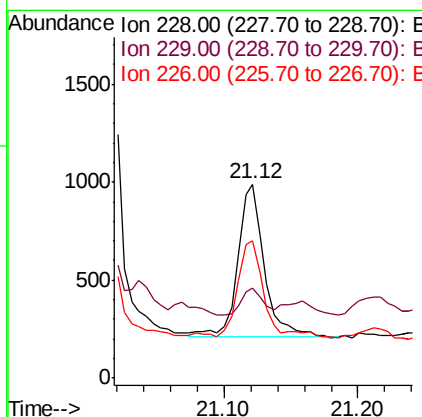
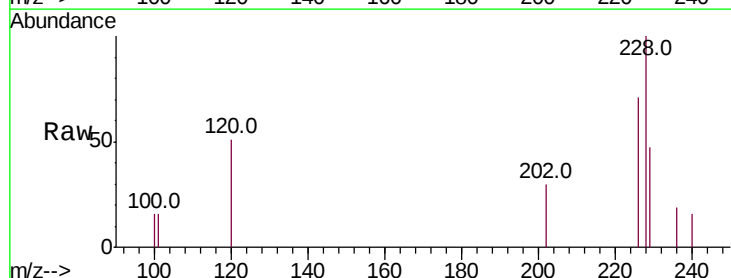
Instrument :
BNA_E
ClientSampleId :

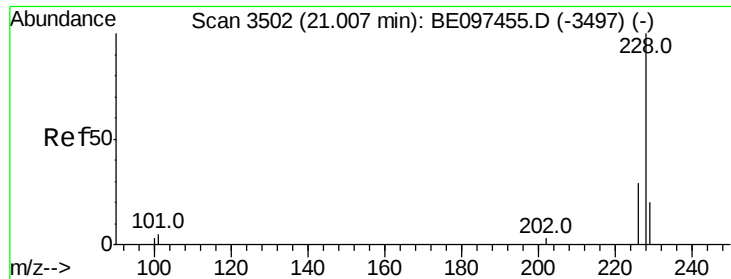
Tot Ion:202 Resp: 22998
Ion Ratio Lower Upper
202 100
101 12.8 18.2 27.4#
100 11.2 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 16.692 ng/ul
RT: 21.12 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:228 Resp: 1072
Ion Ratio Lower Upper
228 100
229 46.5 22.8 34.2#
226 71.1 17.0 25.6#





#19

Chrysene

Concen: 152.245 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

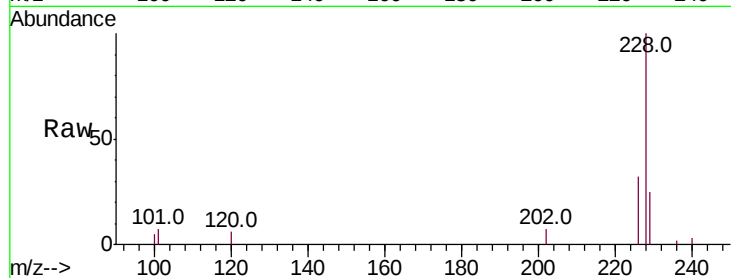
Tot Ion:228 Resp: 11265

Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.0

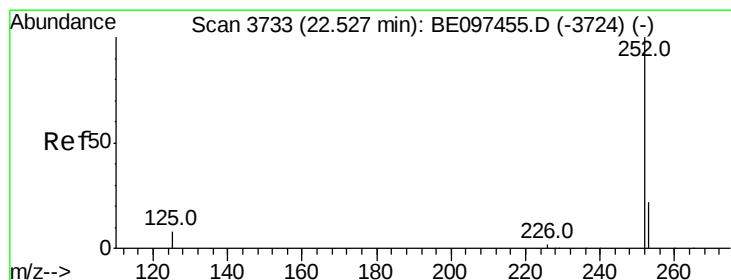
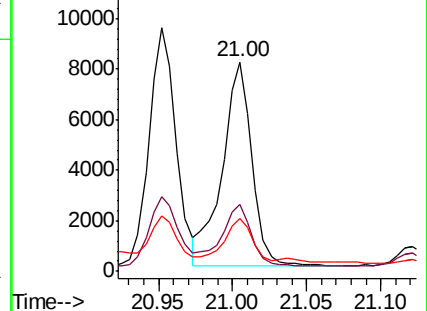
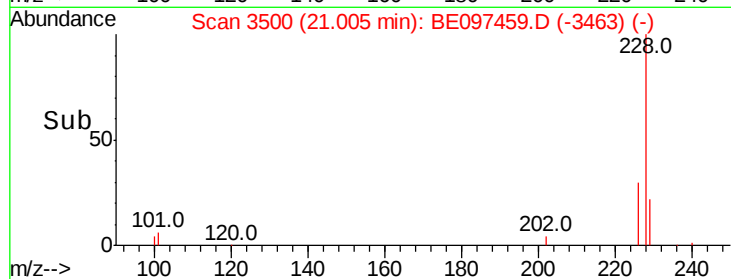
229 25.3 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 9.151 ng/ul

RT: 22.70 min Scan# 3756

Delta R.T. 0.18 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

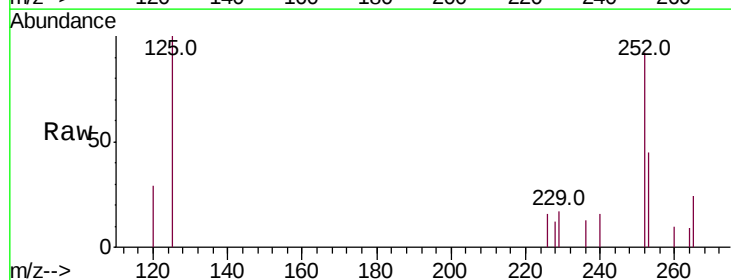
Tgt Ion:252 Resp: 2328

Ion Ratio Lower Upper

252 100

253 49.1 0.0 64.2

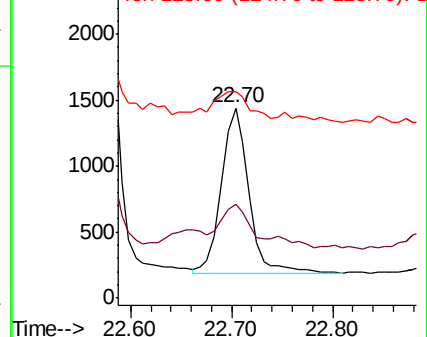
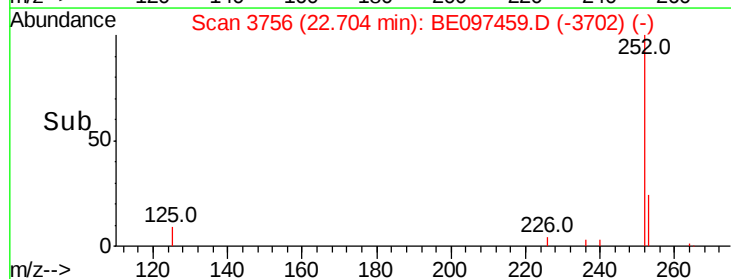
125 108.9 0.0 35.0#

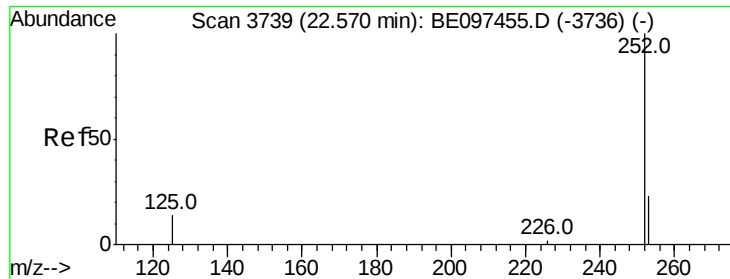


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.423 ng/ul

RT: 22.89 min Scan# 3783

Delta R.T. 0.32 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :

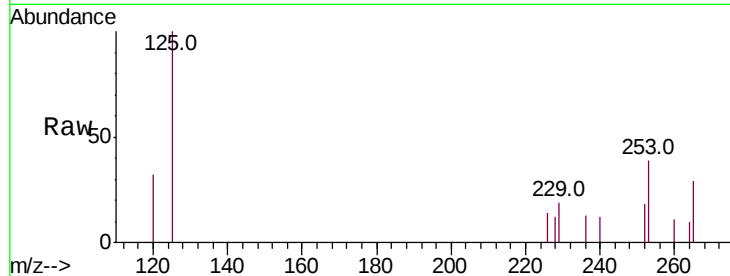
Tot Ion:252 Resp: 120

Ion Ratio Lower Upper

252 100

253 208.9 24.5 36.7#

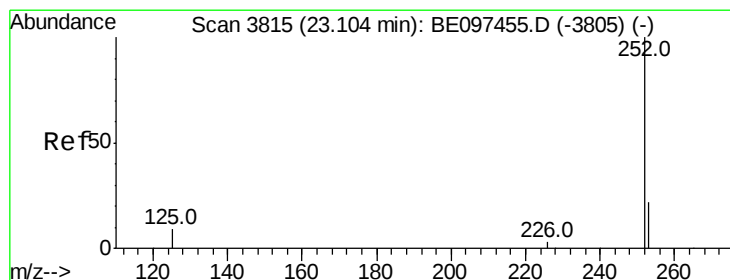
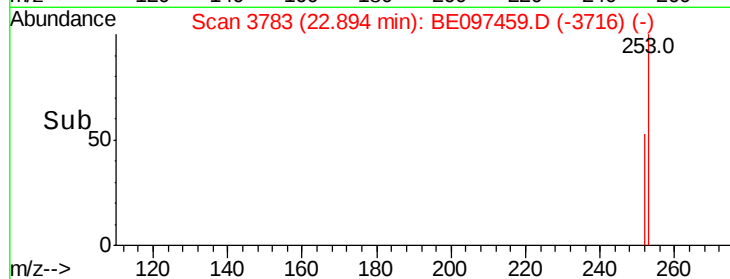
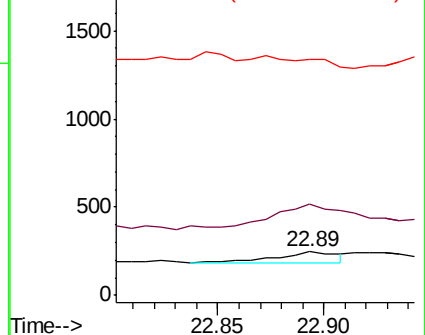
125 542.1 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.217 ng/ul

RT: 23.43 min Scan# 3860

Delta R.T. 0.33 min

Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

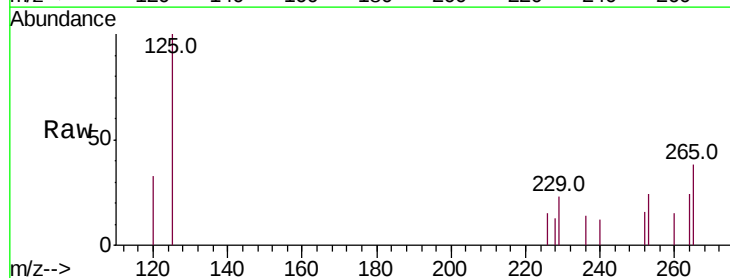
Tgt Ion:252 Resp: 51

Ion Ratio Lower Upper

252 100

253 156.9 28.5 42.7#

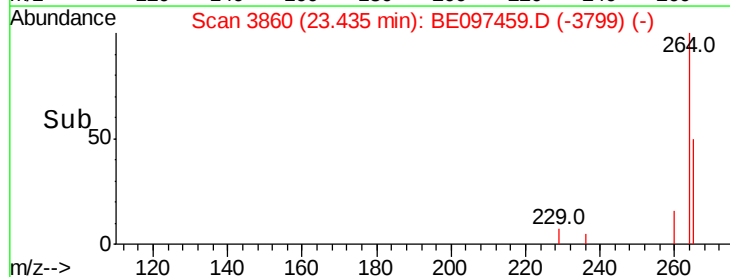
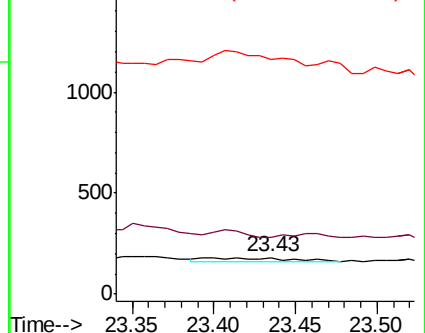
125 643.6 18.1 27.1#

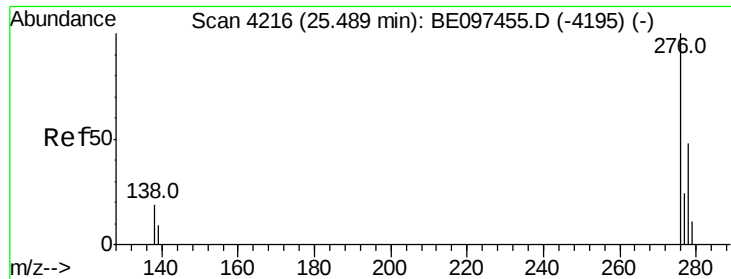


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

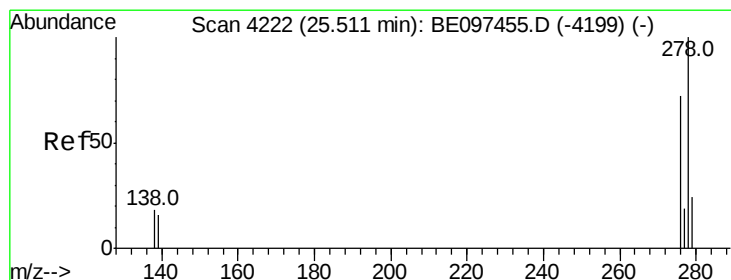
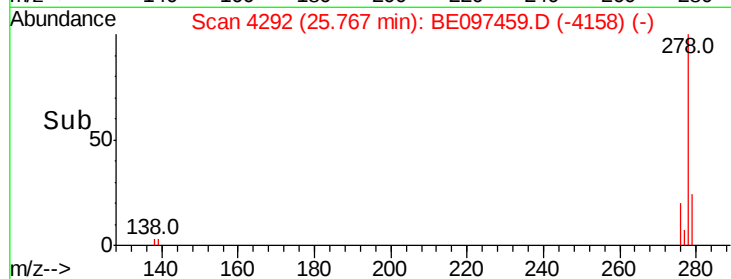
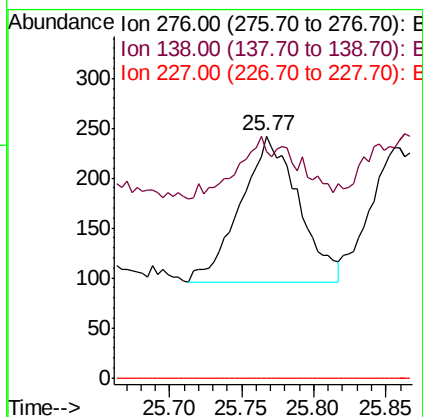
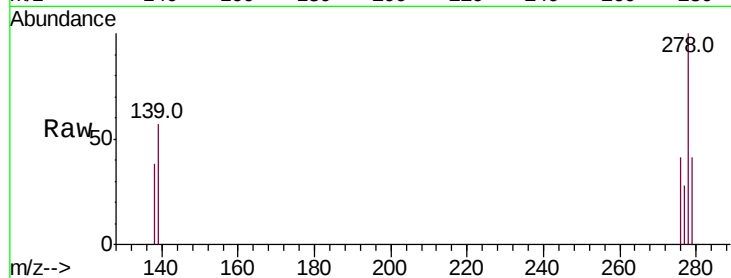




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.334 ng/ul
RT: 25.77 min Scan# 4292
Delta R.T. 0.28 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

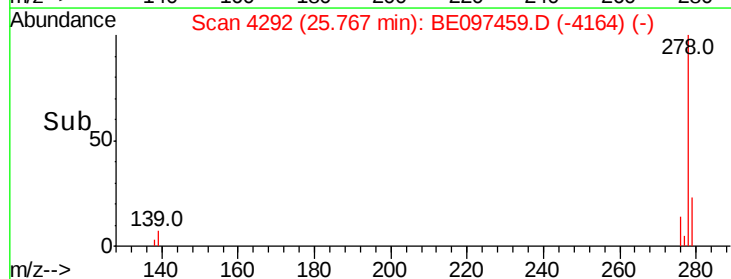
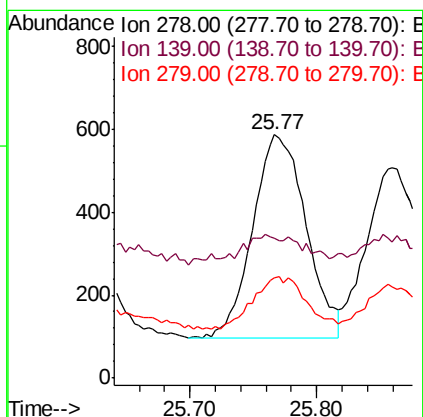
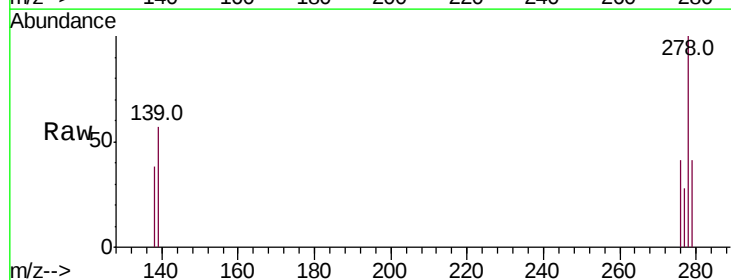
Instrument :
BNA_E
ClientSampleId :

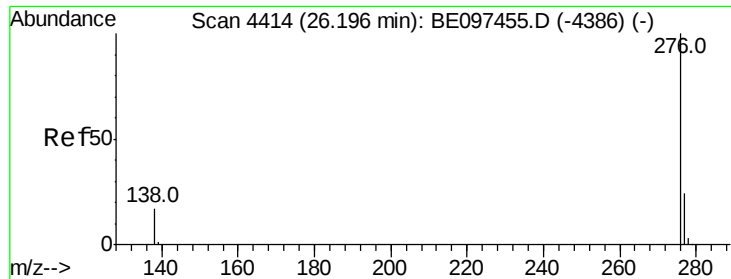
Tot Ion:276 Resp: 407
Ion Ratio Lower Upper
276 100
138 19.2 28.0 42.0#
227 0.0 8.0 12.0#



#25
Dibenzo(a,h)anthracene
Concen: 5.552 ng/ul
RT: 25.77 min Scan# 4292
Delta R.T. 0.26 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:278 Resp: 1435
Ion Ratio Lower Upper
278 100
139 57.5 17.4 26.0#
279 41.0 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.684 ng/ul

RT: 26.40 min Scan# 4470

Delta R.T. 0.21 min

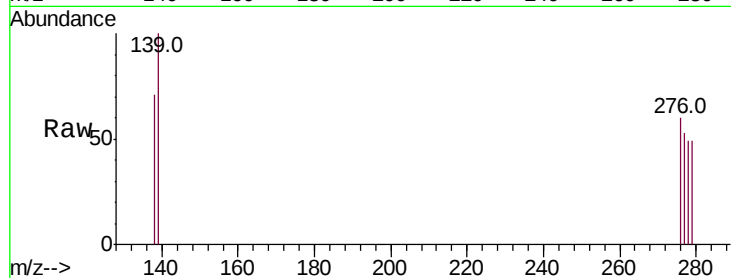
Lab File: BE097459.D

Acq: 12 Sep 2018 20:15

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 178

Ion Ratio Lower Upper

276 100

138 117.6 21.8 32.8#

277 88.0 20.5 30.7#

